PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10553888	
	Filing Date		2005-10-24	
INFORMATION DISCLOSURE	First Named Inventor HIBIN		BINO, Tadashi et al.	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3676	
(Not for submission under 37 CFR 1.99)	Examiner Name	Not Y	et Assigned	
	Attorney Docket Number		Q91007	

					U.S.I	PATENTS			Remove		,
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D	ate	of cited Document				Lines where ges or Relev	
/CB/	1	4907427		1990-03	-13	ARMSTRONG et al.					
If you wish	h to a	l dd additional U.S. Pate	nt citatio	n informa	ation pl	ease click the	Add button.	1	Add		
			U.S.P	ATENT A	APPLIC	CATION PUB	LICATIONS	,	Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publicat Date	tion	Name of Pate of cited Docu	entee or Applicant Iment	Releva		Lines where	
/CB/	1	20020029595	A1	2002-03	-14	LIMBURG et al.					
If you wish	n to a	dd additional U.S. Publi	shed Ap	plication	citation	n information p	olease click the Add	d button	Add		
				FOREIG	N PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	e or V F	where Rel	or Relevant	T5
/CB/	1	8-175328	JP		Α	1996-11-29	Toyota Motor Corp				
· /CB/	2	195 21 731	DE		A1	1997-06-05					
If you wish	n to ac	l dd additional Foreign Pa	atent Do	cument o	citation	information pl	lease click the Add	button	Add		<u> </u>
			NON	I-PATEN	IT LITE	RATURE DO	CUMENTS		Remove		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10553888
Filing Date		2005-10-24
First Named Inventor	HIBIN	IO, Tadashi et al.
Art Unit		3676
Examiner Name Not Y		et Assigned
Attorney Docket Numb	er	Q91007

Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T 5
	1					
If you wisi	h to ac	dd add	litional non-patent literature document citation information p	lease click the Add b	outton Add	
			EXAMINER SIGNATURE			
Examiner	Signa	ture	/Christopher Boswell/	Date Considered	05/23/2007	
i			reference considered, whether or not citation is in conformation and not considered. Include copy of this form with		_	
Standard S7 4 Kind of doo	r.3). ³ F cument	or Japa by the a	O Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter officanese patent documents, the indication of the year of the reign of the Empappropriate symbols as indicated on the document under WIPO Standard in is attached.	eror must precede the ser	ial number of the patent doc	ument

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

Sheet

of 1

Complete if Known					
Application Number	10/553,888				
Confirmation Number	4654				
Filing Date	October 24, 2005				
First Named Inventor	Tadashi HIBINO				
Art Unit	3676				
Examiner Name	Christopher J. Boswell				
Attorney Docket Number	Q91007				

		Document N		PATENT DOCUME	3113
	Cite No. ¹	Number ·	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			
	•	US			
		US			
		US			
		US			•
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS								
Examiner Cite	Cite	Foreign Patent Document			Publication Date	Name of Patentee or		
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶	
/CB/		EP	0 630 800	Al	12/28/1994	Valeo Electronique		
/CB/		FR	2 793 749	Α	11/24/2000	Lemforder Nacam SA		
/CB/		JP	2000-168501	A	10-13-2000	NSK, Ltd.	Abstract	
		<u> </u>						
		<u></u>						
		1		<u> </u>				
					, , , , ,			

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶			
			1			
	•					
			<u> </u>			

Examiner Signature	/Christopher Boswell/	Date Considered	05/23/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ¹See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranct. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

JC20 Rec'd PCT/FTO 2 1 OCT 2003

MODIFIED PTO/SB/08 A & B (06-03)

Substitute for Form 1449 A & B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1	of	1

Сотр	lete if Known				
Application Number @ @asgdgeng CF/1306000533					
Confirmation Number	Uhinan 2 5 6 6 6				
Filing Date	October 24, 2005				
First Named Inventor	Tadashi HIBINO				
Art Unit	Unknown				
Examiner Name	Unknown				
Attorney Docket Number	Q91007				

U.S. PATENT DOCUMENTS								
		Document Number						
Examiner Initials*	Cite No. ¹		Number Kind Publication Date Code ² MM-DD-YYYY (if known)		Name of Patentee or Applicant of Cited Document			
		US						
		US						
		US						
		US						
		US						
		US						
		US						
		US	,					
		US						

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	Talasia af		
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation*		
/CB/		JP	7-257322	Α	10-09-1995	NIPPON SEIKO KK	Abstract		
/CB/		JР	2-1374	บ	01-08-1990		Abstract		
/CB/		JP	4-2758	Α	01-10-1992		Abstract		
/CB/		JР	2004-299452	A	10-28-2004	NISSAN MOTOR CO LTD	Abstract		
/CB/		JP	8-225079	A	09-03-1996	NIPPON SEIKO KK	Abstract		
/CB/		JР	2003-327082	Α	11-19-2003	NSK LTD	Abstract		
/CB/		JP	2003-170836	Ā	06-17-2003	NISSAN MOTOR CO LTD	Abstract		
/CB/		JP	2003-252175	A	09-10-2003	KOYO SEIKO CO LTD	Abstract		
/CB/		JР	2003-205824	A	07-22-2003	KOYO SEIKO CO LTD	Abstract		
/CB/		JP	2001-219816	Α	08-14-2001	TOYODA MACH WORKS LTD	Abstract		
		 			<u> </u>		_		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation			
			 			
						

			
Examiner Signature	/Christopher Boswell/	Date Considered	05/23/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.